

REMARKS

Applicants request favorable reconsideration and allowance of the present application in view of the foregoing amendments and the following remarks.

Claims 1, 3, 4, 6-10, 12-19, 24-29, 31, and 32 are pending in the present application. Claims 1, 10, 19, 31, and 32 are the independent claims.

Claims 1, 10, 19, 31, and 32 have been amended. Applicants submit that support for the amendments can be found in the original disclosure and that no new matter has been added.

Claims 1, 3, 4, 6-10, 12-19, 24-29, 31 and 32 stand rejected under 35.U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,317,127 (Daily). Claims 19 and 24-27 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Daily in view of U.S. Patent No. 6,624,853 (Latypov) and U.S. Patent No. 6,445,815 (Sato). Applicants respectfully traverse these rejections for the reasons discussed below.

As recited in independent Claim 1, the present invention is directed to an augmented reality presentation apparatus that includes, *inter alia*, an objective viewpoint augmented reality presentation means including first video sensing means for sensing a video of a real space from a first viewpoint position, which differs from any player's viewpoint position, and a player's viewpoint augmented reality presentation means including second video sensing means for sensing a video of the real space viewed from the player's viewpoint position, wherein an image of the player can be included in a video sensed by the first video sensing means. With these features, an augmented reality video based on the player's viewpoint position can be displayed on a screen of a player's display apparatus, and an augmented reality video based on a first viewpoint position that differs

from any player's position, and which can include an image of the player, can be displayed on a screen of a separate predetermined display apparatus. This enables, for example, an audience to watch an augmented reality video that includes the player's image and is taken from a viewpoint different from any player's viewpoint.

Applicants submit that the cited art fails to disclose at least the above-mentioned features of the present invention recited in independent Claim 1. Daily discloses a system in which a plurality of users 25 can observe videos of a virtual sphere (shown in Fig. 2 of that patent) viewed from a viewpoint position that is at the center of the virtual sphere. The videos of the virtual sphere are obtained by a multi-sensor system 152, which the Office Action asserts is the claimed first video sensing means. However, the multi-sensor system 152 is disclosed as being mounted on the underside of an airplane to image a wide field of view (FOV) of the hemisphere below the plane, such that passengers can view the outside world in real-time as if the airplane was invisible. (See Fig. 10, Col. 3, lines 37-40, and Col. 11, lines 19-22.) Thus, the FOV of the multi-sensor system 152 does not include any of the passengers/users, and Daily does not disclose or suggest at least the feature wherein an image of a player can be included in a video sensed by the first video sensing means.

Moreover, the Office Action asserts that the claimed second video sensing means corresponds to an external stereo camera setup slaved to a user's head mentioned in column 1, and a tracking device 164 to follow the user's head movement and output coordinates that define the user's FOV. Applicants submit that the external stereo camera setup disclosed in column 1 of Daily is disclosed as prior art, and the multi-sensor system 152 is disclosed to replace that external stereo camera. Accordingly, Applicants submit

that it is improper to combine the external camera setup with the multi-sensor system 152 to attempt to meet all of the claim limitations. Further, Applicants submit that the tracking device 164 outputs coordinates that define a user's FOV for video from the multi-sensor system 152, and therefore relate to a view from an objective viewpoint and not from a player's viewpoint.

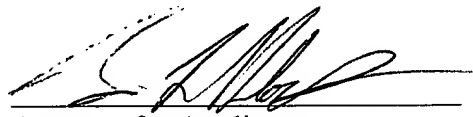
The other cited art also fails to disclose or suggest at least the above-mentioned features and therefore fails to remedy the deficiencies of Daily.

For the foregoing reasons, Applicants submit that the present invention recited in independent Claim 1 is patentable over the cited art. Independent Claims 10, 19, 31, and 32 recite similar features and are believed to be patentable for reasons similar to Claim 1. The dependent claims are believed to be patentable for at least the same reasons as the independent claims, as well as for the additional features they recite.

In view of the foregoing, Applicants submit that this application is in condition for allowance. Favorable reconsideration, withdrawal of the rejections set forth in the above-mentioned Office Action, and an early Notice of Allowance are requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'B. L. Klock', is written over a horizontal line.

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